

WHAT IS CLAIMED IS:

5

1. A method of creating an image file of target information to be additionally written in an information recording medium, comprising:

10 a first step of creating image data of the target information;

a second step of obtaining identification information of the information recording medium; and

15 a third step of creating an image file having the image data in association with the identification information.

20

2. The method as claimed in claim 1, wherein the identification information includes at least one of physical information and logical information possessed by the information recording medium.

25

3. The method as claimed in claim 2, wherein  
the identification information includes the physical  
5 information, and said physical information includes at  
least one of disk specific information, session  
information and track information.

10

4. The method as claimed in claim 3, wherein  
the physical information includes the disk specific  
information, and said disk specific information includes  
15 a disk ID.

20

5. The method as claimed in claim 3, wherein  
the physical information includes the track information,  
and said track information includes at least one of a  
number of recorded tracks and track lengths of the  
recorded tracks.

25

6. The method as claimed in claim 2, wherein  
5 the identification information includes the logical  
information, and said logical information includes at  
least one of volume information and file system  
information of the information recording medium.

10

7. The method as claimed in claim 6, wherein  
the logical information includes the volume information,  
15 and said volume information includes primary volume  
descriptor information.

20

8. The method as claimed in claim 1, wherein  
the image file further includes the identification  
information.

25

9. The method as claimed in claim 1, wherein  
the third step creates management information to  
5 indicate a correspondence between the identification  
information and the image file.

10

10. The method as claimed in claim 1, further  
comprising a fourth step of storing the image file  
created in the third step.

15

11. A method of additionally writing image  
data included in an image file in an information  
20 recording medium, comprising:

a first step of obtaining identification  
information of the information recording medium;

a second step of determining whether the  
identification information of the information recording  
25 medium and identification information associated with

the image file are the same; and

a third step of, only if the identification  
information of the information recording medium and the  
identification information associated with the image  
5 file are the same based on the determination,  
additionally writing the image data included in the  
image file in the information recording medium.

10

12. The method as claimed in claim 11,  
wherein the image file is created in a method of  
creating an image file of target information to be  
15 additionally written in an information recording medium,  
the method comprising: a first step of creating image  
data of the target information; a second step of  
obtaining identification information of the information  
recording medium; and a third step of creating an image  
20 file having the image data in association with the  
identification information.

25

13. A program to cause an information processing device to execute a procedure, the procedure comprising:

5 a first step of, in response to a request to create an image file, creating image data of target information to be recorded in an information recording medium;

a second step of obtaining identification information of the information recording medium; and

10 a third step of creating an image file having the image data in association with the identification information.

15

14. The program as claimed in claim 13, wherein the procedure further comprises:

20 a fourth step of, in response to a request to additionally write the image file in the information recording medium, obtaining identification information of an information recording medium;

a fifth step of determining whether the identification information of the information recording medium and the identification information associated

25

with the image file are the same; and

5 a sixth step of, only if the identification  
information of the information recording medium and the  
identification information associated with the image  
file are the same based on the determination,  
additionally writing the image data included in the  
image file in the information recording medium.

10

15 15. A recording medium for storing a program  
to cause an information processing device to execute a  
procedure, the procedure comprising:

a first step of, in response to a request to  
create an image file, creating image data of target  
information to be recorded in an information recording  
medium;

20 a second step of obtaining identification  
information of the information recording medium; and

a third step of creating an image file having  
the image data in association with the identification  
information.

25

16. The recording medium as claimed in claim 15, wherein the procedure further comprises:

5           a fourth step of, in response to a request to additionally write the image file in the information recording medium, obtaining identification information of an information recording medium;

          a fifth step of determining whether the  
10   identification information of the information recording medium and the identification information associated with the image file are the same; and

          a sixth step of, only if the identification information of the information recording medium and the  
15   identification information associated with the image file are the same based on the determination, additionally writing the image data included in the image file in the information recording medium.

20

17. An information recording system for recording information in an information recording medium,  
25   comprising:



an information processing device having a file creation part, in response to a request to create an image file of target information to be additionally written in an information recording medium, creating an  
5 image file including image data of the target information in association with identification information of the information recording medium; and  
an information recording device, in response to a recording request from the information processing  
10 device, recording the target information in the information recording medium.

15

18. The information recording system as claimed in claim 17, wherein the information processing device further comprises:

a determination part, in response to a request  
20 to additionally write the image file in an information recording medium, determining whether identification information of the information recording medium and the identification information associated with the image file are the same; and  
25 an additionally write request part, only if

the identification information of the information  
recording medium and the identification information  
associated with the image file are the same based on the  
determination, requesting the information recording  
5 medium to additionally write the image file in the  
information recording medium.

10

19. The information recording system as  
claimed in claim 17, wherein the image file further  
includes the identification information.

15

20. The information recording system as  
claimed in claim 17, further comprising:

20

a storage device; and  
a storing part storing the image file created  
by the file creation part in the storage device.

25

21. The information recording system as  
claimed in claim 20, wherein the storing part stores  
management information to indicate a correspondence  
5 between the identification information and the image  
file in the storage device.

10

22. The information recording system as  
claimed in claim 17, wherein the identification  
information includes at least one of physical  
information and logical information possessed by the  
15 information recording medium.

20

23. The information recording system as  
claimed in claim 17, wherein the information recording  
device multisession records the target information in  
the information recording medium.